

CLAIMS

What is claimed is:

- 1 1. A method of using a computer system to generate reports, comprising:
 - 2 populating a database with collected commerce information, said collected commerce
 - 3 information including conditional purchase offers submitted by buyers, said conditional
 - 4 purchase offers including,
 - 5 buyer-specified offer prices for goods or services, for use as a basis for determining
 - 6 levels of demand for the goods or services;
 - 7 receiving a request specifying criteria for selecting collected commerce information, said
 - 8 criteria generated from a user's selections made within a user interface;
 - 9 selecting demand information from collected commerce information based on the user's
 - 10 selections; and
 - 11 generating a report of the demand information for the goods or services based on the
 - 12 user's selections, wherein the demand information includes current demand levels for the
 - 13 goods or services.
- 1 2. The method of claim 1, wherein said criteria for selecting collected commerce
- 2 information includes targeted demand levels for the goods or services.

1 3. The method of claim 2, further comprising,
2 calculating suggested strike prices at targeted demand levels based on the requested
3 targeted demand levels,
4 wherein the strike price is a minimum price at which a conditional purchase offer will
5 be accepted; and
6 transmitting the suggested strike prices in response to the request specifying targeted
7 demand levels for the goods or services.

1 4. The method of claim 1, wherein the computer system is accessible at a
2 traversed navigation location and provides facilities tailored for a commerce system.

1 5. The method of claim 4, wherein the computer system is tailored for air travel
2 commerce.

1 6. The method of claim 4, wherein the computer system is tailored for hotel
2 commerce.

1 7. The method of claim 1, wherein the database is from an associated commerce
2 system.

1 8. The method of claim 7, wherein the database association is based on login
2 information.

1 9. The method of claim 7, wherein the database association is preset based on a
2 tailored commerce system.

1 10. The method of claim 7, wherein the database association is limited to
2 databases specific to a provider.

1 11. The method of claim 7, wherein the associations are based on selection results
2 made in a database selection facility.

1 12. The method of claim 1, wherein selecting demand information is limited to a
2 specified vendor.

1 13. The method of claim 1, wherein selecting demand information is limited to
2 cached rejected CPOs.

1 14. The method of claim 1, wherein selecting demand information is limited to
2 unaccepted unexpired CPOs.

1 15. The method of claim 1, wherein selecting demand information is limited to
2 pending CPOs.

1 16. The method of claim 1, wherein selecting demand information includes
2 accepted CPOs.

1 17. The method of claim 1, wherein selecting demand information includes
2 historic demand information.

1 18. A computer program stored on a computer readable medium, the program,
2 comprising:

3 a module to populate a database with collected commerce information, said collected
4 commerce information including conditional purchase offers submitted by buyers, said
5 conditional purchase offers including,

6 buyer-specified offer prices for goods or services, for use as a basis for to determine
7 levels of demand for the goods or services;

8 a module to receive a request specifying criteria for selecting collected commerce
9 information, said criteria generated from a user's selections made within a user interface;

10 a module to select demand information from collected commerce information based on
11 the user's selections; and

12 a module to generate a report of the demand information for the goods or services based
13 on the user's selections, wherein the demand information includes current demand levels for
14 the goods or services.

1 19. The medium of claim 18, wherein said criteria for selecting collected
2 commerce information includes targeted demand levels for the goods or services.

1 20. The medium of claim 19, further comprising,
2 calculating suggested strike prices at targeted demand levels based on the requested
3 targeted demand levels,
4 wherein the strike price is a minimum price at which a conditional purchase offer will
5 be accepted; and
6 transmitting the suggested strike prices in response to the request specifying targeted
7 demand levels for the goods or services.

1 21. The medium of claim 18, wherein the computer system is accessible at a
2 traversed navigation location and provides facilities tailored for a commerce system.

1 22. The medium of claim 21, wherein the computer system is tailored for air
2 travel commerce.

1 23. The medium of claim 21, wherein the computer system is tailored for hotel
2 commerce.

1 24. The medium of claim 18, wherein the database is from an associated
2 commerce system.

1 25. The medium of claim 24, wherein the database association is based on login
2 information.

1 26. The medium of claim 24, wherein the database association is preset based on a
2 tailored commerce system.

1 27. The medium of claim 24, wherein the database association is limited to
2 databases specific to a provider.

1 28. The medium of claim 24, wherein the associations are based on selection
2 results made in a database selection facility.

1 29. The medium of claim 18, wherein selecting demand information is limited to
2 a specified vendor.

1 30. The medium of claim 18, wherein selecting demand information is limited to
2 cached rejected CPOs.

1 31. The medium of claim 18, wherein selecting demand information is limited to
2 unaccepted unexpired CPOs.

1 32. The medium of claim 18, wherein selecting demand information is limited to
2 pending CPOs.

1 33. The medium of claim 18, wherein selecting demand information includes
2 accepted CPOs.

1 34. The medium of claim 18, wherein selecting demand information includes
2 historic demand information.

1 35. An apparatus, comprising:
2 a processor;
3 a memory, disposed in communication with said processor; and
4 a program, stored in the memory, including,
5 a module to populate a database with collected commerce information, said collected
6 commerce information including conditional purchase offers submitted by buyers, said
7 conditional purchase offers including,
8 buyer-specified offer prices for goods or services, which may be used as a
9 basis for to determine levels of demand for the goods or services;
10 a module to receive a request specifying criteria for selecting collected commerce
11 information, said criteria generated from a user's selections made within a user interface;
12 a module to select demand information from collected commerce information based
13 on the user's selections; and
14 a module to generate a report of the demand information for the goods or services
15 based on the user's selections, wherein the demand information includes current demand
16 levels for the goods or services.

1 36. The apparatus of claim 35, wherein said criteria for selecting collected
2 commerce information includes targeted demand levels for the goods or services.

1 37. The apparatus of claim 36, further comprising,
2 calculating suggested strike prices at targeted demand levels based on the requested
3 targeted demand levels,
4 wherein the strike price is a minimum price at which a conditional purchase offer will
5 be accepted; and
6 transmitting the suggested strike prices in response to the request specifying targeted
7 demand levels for the goods or services.

1 38. The apparatus of claim 35, wherein the computer system is accessible at a
2 traversed navigation location and provides facilities tailored for a commerce system.

1 39. The apparatus of claim 38, wherein the computer system is tailored for air
2 travel commerce.

1 40. The apparatus of claim 38, wherein the computer system is tailored for hotel
2 commerce.

1 41. The apparatus of claim 35, wherein the database is from an associated
2 commerce system.

1 42. The apparatus of claim 41, wherein the database association is based on login
2 information.

1 43. The apparatus of claim 41, wherein the database association is preset based on
2 a tailored commerce system.

1 44. The apparatus of claim 41, wherein the database association is limited to
2 databases specific to a provider.

1 45. The apparatus of claim 41, wherein the associations are based on selection
2 results made in a database selection facility.

1 46. The apparatus of claim 35, wherein selecting demand information is limited to
2 a specified vendor.

1 47. The apparatus of claim 35, wherein selecting demand information is limited to
2 cached rejected CPOs.

1 48. The apparatus of claim 35, wherein selecting demand information is limited to
2 unaccepted unexpired CPOs.

1 49. The apparatus of claim 35, wherein selecting demand information is limited to
2 pending CPOs.

1 50. The apparatus of claim 35, wherein selecting demand information includes
2 accepted CPOs.

1 51. The apparatus of claim 35, wherein selecting demand information includes
2 historic demand information.

1 52. A system for using a computer to generate reports, comprising:
2 means to traverse a navigation location for a commerce demand system;
3 means to obtain login information;
4 means to identify at least one database associated with the commerce demand system;
5 means to provide a demand survey facility;
6 means to obtain a demand survey request in the demand survey facility;
7 means to query the associated databases based on the demand survey request;
8 means to rank query results;
9 means to format the ranked query results;
10 means to provide the formatted query results.

1 53. The system of claim 52, wherein the commerce demand system at the
2 traversed navigation location provides facilities tailored for the commerce system.

1 54. The system of claim 52, further comprising,
2 means to provide a desired demand requirement facility;
3 means to obtain a desired demand requirement request in the desired demand requirement
4 facility, wherein the desired demand requirement facility suggests a strike price and projected
5 demand levels based on obtained demand requirement information;
6 means to update the strike price to induce actual provision demand to match desired
7 provision demand.

1 55. The system of claim 53, wherein the tailored commerce demand system is an
2 air travel commerce demand system.

1 56. The system of claim 53, wherein the tailored commerce demand system is a
2 hotel commerce demand system.

1 57. The system of claim 52, wherein the associated database is from an associated
2 commerce system.

1 58. The system of claim 52, wherein the database association is based on login
2 information.

1 59. The system of claim 53, wherein the database association is preset based on a
2 tailored commerce system.

1 60. The system of claim 52, wherein the database association is limited to
2 databases specific to a provider.

1 61. The system of claim 52, wherein the associations are based on selection
2 results made in a database selection facility.

1 62. The system of claim 52, wherein a database schema is read from the
2 associated database.

1 63. The system of claim 52, wherein associated tables from the schemas are
2 identified.

1 64. The system of claim 52, wherein the demand survey facility obtains demand
2 facility presentation information from the associated database.

1 65. The system of claim 64, wherein the obtained demand facility presentation
2 information for the demand survey facility from the associated database is a list of airplane
3 types.

1 66. The system of claim 64, wherein the obtained demand facility presentation
2 information for the demand survey facility from the associated database is a list of hotel
3 room types.

1 67. The system of claim 54, wherein the desired demand requirement facility is
2 webform.

1 68. The system of claim 54, wherein the desired demand requirement request
2 includes the strike price.

1 69. The system of claim 54, wherein the desired demand requirement request
2 includes targeted demand levels for goods or services.

1 70. The system of claim 52, wherein querying the associated databases based on a
2 demand survey request is limited to a specified vendor.

1 71. The system of claim 52, wherein querying the associated databases based on a
2 demand survey request is limited to cached rejected CPOs.

1 72. The system of claim 52, wherein querying the associated databases based on a
2 demand survey request is limited unaccepted unexpired CPOs.

1 73. The system of claim 52, wherein querying the associated databases based on a
2 demand survey request is limited to pending CPOs.

1 74. The system of claim 52, wherein querying the associated databases based on
2 demand survey request includes accepted CPOs.

1 75. The system of claim 52, wherein querying the associated databases based on
2 demand survey request includes historic demand information.

- 1 76. A system for using a computer to generate reports, comprising:
- 2 means to traverse a navigation location for a commerce demand system;
- 3 means to obtain login information;
- 4 means to provide a desired demand requirement facility;
- 5 means to obtain desired demand requirement request in the desired demand requirement
- 6 facility;
- 7 means to identify at least one associated database;
- 8 means to query the associated databases based on the demand survey request;
- 9 means to obtain current demand results;
- 10 means to compare current demand results to desired demand requirement request;
- 11 means to lower strike prices if the current demand results is less than the desired demand
- 12 requirement request;
- 13 means to maintain strike prices unmodified if the current demand results is the same as
- 14 the desired demand requirement request;
- 15 means to raise strike prices if the current demand results is greater than the desired
- 16 demand requirement request.

1 77. A system for using a computer to generate reports, comprising:

2 means to traverse a navigation location for a commerce demand system;

3 means to obtain login information;

4 means to provide a desired demand requirement facility;

5 means to obtain desired demand requirement request;

6 means to update the strike price.

1 78. A system for using a computer to generate reports, comprising:

2 means to obtain current demand results;

3 means to query an associated databases based on the demand survey request;

4 means to compare current demand results to the desired demand requirement request;

5 means to lower strike prices if the current demand results is less than the desired demand
6 requirement request;

7 means to raise strike prices if the current demand results is greater than the desired
8 demand requirement.

1 79. A memory for access by a program module to be executed on a processor,
2 comprising:

3 a data structure stored in the memory, the data structure comprising:

4 a provision type;

5 a strike price for the provision type;

6 a desired level of demand type for the provision type.

1 80. The data structure of claim 79, further comprising a provider type.

1 81. The data structure of claim 79, further comprising an associated consumer
2 demand system type.

1 82. The data structure of claim 79, further comprising a quantity limit type for
2 available provisions.

1 83. The data structure of claim 79, further comprising an expiration date for the
2 provision type.

1 84. The data structure of claim 79, further comprising an expiration date for the
2 strike price.

1 85. The data structure of claim 79, further comprising an expiration date for the
2 desired level of demand.

1 86. The data structure of claim 79, wherein the provision type includes all
2 provisions.

1 87. The data structure of claim 79, wherein the provision type includes groups of
2 provisions.

1 88. A memory for access by a program module to be executed on a processor,
2 comprising:

3 a data structure stored in the memory, the data structure comprising:

4 a conditional purchase offer type;

5 an expiration date for the conditional purchase offer.

1 89. A method of using a computer system to generate reports, comprising:
2 populating a database with collected information;
3 receiving a request specifying criteria for selecting desired portions of collected
4 information, said criteria generated from a user's selections made within a user interface;
5 selecting desired portions of collected information based on the user's specified criteria;
6 and
7 generating a report of results of desired portions of collected information from the
8 information selected based on the user's specified criteria.

1 90. The method of claim 89, wherein the collected information is related to
2 commerce.

1 91. The method of claim 89, wherein the collected information is related to
2 demand.

1 92. The method of claim 89, wherein said criteria for selecting collected
2 commerce information includes targeted demand levels for the goods or services.

1 93. The method of claim 93, further comprising,
2 calculating suggested strike prices at targeted demand levels based on the requested
3 targeted demand levels,
4 wherein the strike price is a minimum price at which a conditional purchase offer will
5 be accepted; and
6 transmitting the suggested strike prices in response to the request specifying targeted
7 demand levels for the goods or services.

1 94. The method of claim 89, wherein the computer system is accessible at a
2 traversed navigation location and provides facilities tailored for a commerce system.

1 95. The method of claim 94, wherein the computer system is tailored for air travel
2 commerce.

1 96. The method of claim 94, wherein the computer system is tailored for hotel
2 commerce.

1 97. The method of claim 89, wherein the database is from an associated
2 commerce system.

1 98. The method of claim 97, wherein the database association is based on login
2 information.

1 99. The method of claim 97, wherein the database association is preset based on a
2 tailored commerce system.

1 100. The method of claim 97, wherein the database association is limited to
2 databases specific to a provider.

1 101. The method of claim 97, wherein the associations are based on selection
2 results made in a database selection facility.

1 102. The method of claim 89, wherein selecting demand information is limited to a
2 specified vendor.

1 103. The method of claim 89, wherein selecting demand information is limited to
2 cached rejected CPOs.

1 104. The method of claim 89, wherein selecting demand information is limited to
2 unaccepted unexpired CPOs.

1 105. The method of claim 89, wherein selecting demand information is limited to
2 pending CPOs.

1 106. The method of claim 89, wherein selecting demand information includes
2 accepted CPOs.

1 107. The method of claim 89, wherein selecting demand information includes
2 historic demand information.